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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/017,620	12/14/2001	Wen Shu Chen	5589-1046	7918

23600 7590 06/24/2005

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EXAMINER

GIBBS, HEATHER D

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 06/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/017,620

Applicant(s)

CHEN ET AL.

Examiner

Heather D. Gibbs

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,3-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Shahir et al (US 5,555,105).

Regarding claim 1, which is representative of claim 6, Shahir teaches A compact business card scanner comprising: a housing; a platen positioned in the housing, the platen having a first surface adapted to support a business card to be scanned, and having a second surface opposed to the first surface (Ref 8); a sensor module mounted within the housing, adapted for reciprocal motion within the housing and adapted to convert an optical image of a scanned business card into digital data representative of said optical image (Ref 2) ; and a display device 10 positioned in the housing and adapted to display a graphic image of the scanned business card (Col 2 Lines 39-49; Col 4 Lines 1-29; Fig 1).

Considering claim 3, Shahir teaches wherein the sensor module is a contact image sensor module (Col 2 Lines 50-54).

Regarding claim 4, Shahir discloses wherein the sensor module is a charge coupled device sensor module (Ref 2; Col 2 Lines 50-54).

Considering claim 5, Shahir teaches wherein the display device is a liquid crystal display (LCD) screen (Col 3 Lines 19-29).

Regarding claim 7, Shahir discloses at least one processing unit (CPU) and coupled digital data storage media (Col 4 Lines 30-38,48-52).

For claim 8, Shahir teaches wherein the digital data storage media is removable (Col 4 Lines 45-47).

For claim 9, Shahir discloses installed software adapted for scanning optical images, converting image data to be representative digital data, processing and storing said digital files in image file format, and displaying graphically the digital data image files (Col 4 Lines 1-29).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shahir '105 in view of Knighton et al (US 6,032,866).

Shahir discloses the business card reader as discussed above.

Shahir does not disclose expressly a first housing and a second housing movably attached to said first housing.

Knighton discloses a first housing and a second housing movably attached to said first housing (Col 2 Lines 24-38; Fig 1).

Knighton & Shahir are combinable because they are from the same field of endeavor and employ business cards.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Knighton with Shahir.

The suggestion/motivation for doing so would have been to provide a compact image reader.

Therefore, it would have been obvious to combine Knighton with Shahir to obtain the invention as specified in claim 2.

5. Claim 10-11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shahir '105 in view of Rodriguez et al (US 6,650,761).

Regarding claim 11, Shahir discloses the business card reader as discussed above.

Shahir does not disclose expressly software adapted to provide a user interface for selection of displayed image and control of displayed image zoom in, zoom out, and control functions.

Rodriguez discloses a watermarked business scanner that includes software adapted to provide a user interface for selection of displayed image and control of displayed image zoom in, zoom out, and control functions (Col 3 Lines 26-43; Fig 1).

Shahir & Rodriguez are combinable because they are from the same field of endeavor.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Rodriguez with Shahir.

The suggestion/motivation for doing so would have been to employ user interface techniques, as taught by Rodriguez.

Therefore, it would have been obvious to combine Shahir with Rodriguez to obtain the invention as specified in claim 11.

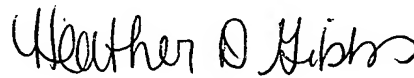
Considering claim 10, Rodriguez teaches software adapted for scanning optical images, converting optical image data to representative digital data, processing said digital data by character recognition routines to generate text files, sorting and storing said text files, and displaying the digital data text files as text (Col 37 Line 60- Col 38 Line 6).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D. Gibbs whose telephone number is 571-272-7404. The examiner can normally be reached on M-Thu 8AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Heather D Gibbs  
Examiner  
Art Unit 2622

hdg



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SUPERVISORY PATENT EXAMINER  
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